* NOTICES *

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]
[Claim 1]
In a water-based ink for ink jet printers characterized by comprising the following, Infrared absorption intensity of an ionic group which an acidic group by which content of the above-mentioned alkali is contained in the above-mentioned block copolymer dissociates and produces. When infrared absorption intensity of this ionic group produced when superfluous alkali is added to this block copolymer is made into 100%, an ink jet printer being the quantity which becomes twice [less than] the minimum amount of alkali from which the infrared absorption intensity will be not less than 80%, and infrared absorption intensity of an ionic group of this block copolymer will be 100% -- service water -- sex ink.
It is colorant of insoluble in water nature at least.
A block copolymer of polyvinyl ether structure which contains at least one sort of hydrophilic segments and hydrophobic segments containing an acidic group, respectively.
Water and alkali.

[Claim 2]
The water-based ink for ink jet printers according to claim 1 whose acidic group contained in said block copolymer is a carboxylic acid group.
[Claim 3]
The water-based ink for ink jet printers according to claim 1 or 2 in which said colorant is paints.
[Claim 4]
The water-based ink for ink jet printers according to claim 1 or 2 in which said colorant is an insoluble in water nature color.

[Translation done.]